AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior revisions, and listings, of claims in the application.

Listing of Claims:

1. (*Currently Amended*) A search service system comprising:

a category classification database including at least one classification record, ~~wherein~~ the classification record having ~~comprises~~ a representative category related to a predetermined keyword group and a general category related thereto;

a keyword database maintaining a predetermined keyword group and data relating to ~~of~~ the number of input for each keyword ~~keywords~~ corresponding thereto, ~~wherein~~ the keyword group having ~~comprises~~ a representative keyword or a keyword having the same or similar meaning thereto;

an input unit for receiving a keyword from a user through a communication network;

a first search unit for searching the category classification database for a representative category related to a first keyword group including the received keyword, the first search unit ~~and~~ determining a second keyword group related to the searched representative category, ~~wherein~~ the second keyword group including ~~includes~~ the first keyword group;

a second search unit for searching the keyword database for the second keyword group and data relating to ~~of~~ the number of input for each keyword ~~keywords~~ corresponding thereto;

an input order computing unit for computing an input order of the number of input for the keywords within the searched representative category of the first keyword group by using the second keyword group and data relating to ~~of~~ the number of input for each keyword ~~keywords~~ corresponding thereto;

an output unit for providing the user with the computed input order through the communication network, in association with the searched representative category and a representative keyword of the first keyword group; and

an ~~a~~ updating unit for updating data relating to ~~of~~ the number of input for each keyword ~~keywords~~ corresponding to the first keyword group, in the keyword database, in response to ~~the~~ input of each of the keywords ~~keyword~~.

2. (*Original*) The system as claimed in claim 1, further comprising a management unit for:

receiving a selection of a representative category related to a predetermined keyword group or a selection of a general category related thereto, from a manager; and

changing the received representative category related to the keyword group or the received general category related thereto in the classification record.

3. (*Currently Amended*)   The system as claimed in claim 1, wherein the input order computing unit respectively computes a second input order of the second keyword group within the representative category, based on the second keyword group and data relating to ~~of~~ the number of input for each keyword ~~keywords~~ corresponding thereto; and

the output unit provides the user with the second input order through the communication network, in association with the searched representative category and a representative keyword of the second keyword group.

4. (*Original*) The system as claimed in claim 3, wherein the output unit selects the predetermined number of second keyword groups of which the second input order ranks high,

3

and provides the user with a second input order corresponding to the selected second keyword

group through the communication network, in association with the searched representative

category and a representative keyword of the selected second keyword group.

5. (*Currently Amended*)   The system as claimed in claim 3, the system further comprising:

a storage unit for storing an input order <u>of the number of input for the keywords</u> of a

keyword group related to a predetermined category;

a third search unit for searching the storage unit for an input order <u>of the number of input</u>

<u>for the keywords</u> of a keyword group that is related to the searched representative category and

corresponds to the second keyword group;

an input order-band computing unit for computing a fluctuation band of input orders <u>of</u>

<u>the number of input for the keywords</u> of the second keyword group by comparing the searched

input order with the second input order; and

an input order updating unit for updating an input order <u>of the number of input for the</u>

<u>keywords</u> of a keyword group that is related to the searched representative category and

corresponds to the second keyword group, to the second input order, in the storage unit; and

wherein the output unit provides the computed fluctuation band in association with the

second input order.

6. (*Currently Amended*)   A search service system comprising:

a category classification database including at least one classification record, ~~wherein~~ the

classification record <u>having</u> ~~comprises~~ a representative category related to a predetermined

keyword and a general category related thereto;

a keyword database for maintaining a predetermined keyword and data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding thereto;

an input unit for receiving a first keyword from a user through a communication network;

a first search unit for searching the category classification database for a representative category related to the first keyword, <u>the first search unit for</u> ~~and~~ determining a second keyword related to the searched representative category, ~~wherein~~ the second keyword <u>including</u> ~~includes~~ the first keyword;

a second search unit for searching the keyword database for the second keyword and data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding thereto;

an input order computing unit for computing an input order <u>of the number of input for the keywords</u> within the searched representative category of the first keyword, by using the second keyword and data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding thereto;

an output unit for providing the user with the computed input order, in association with the searched representative category and the first keyword; and

a data ~~of the number of input keywords~~ updating unit for updating data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding to the first keyword, in the keyword database, in response to input of the first keyword.

7. (*Currently Amended*)   The system as claimed in claim 6, wherein the input order computing unit respectively computes an input order of the second keyword within the searched representative category, based on the second keyword and data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding thereto; and

the output unit provides the user with the computed input order through the

communication network, in association with the searched representative category and the second

keyword.

8. (*Original*) The system as claimed in claim 7, wherein the output unit selects the

predetermined number of second keywords of which the input order ranks high, from the second

keywords and provides the user with an input order corresponding to the selected second

keyword through the communication network, in association with the searched representative

category and the selected second keyword.

9. (*Currently Amended*) A search service system, comprising:

a category classification database including at least one classification record comprising

at least one category related to a predetermined keyword group, wherein the keyword group

comprises a representative keyword or a keyword having the same or similar meaning thereto;

a keyword database comprising a record including a predetermined keyword group and

data relating to of the number of input for each keyword keywords corresponding thereto;

an input unit for receiving a keyword from a user through a communication network;

a first search unit for searching the category classification database for a category related

to a first keyword group including the received keyword, the first search unit for and determining

a second keyword group related to the searched representative category, wherein the second

keyword group including includes the first keyword group;

a second search unit for searching the keyword database for the second keyword group

and data relating to of the number of input for each keyword keywords corresponding thereto;

Application of: Dong Hoi Kim, et al
Serial No.: 10/596,476
Preliminary Amendment B

an input order computing unit for computing an input order <u>of the number of input for the keywords</u> within the searched category of the first keyword group by using the second keyword group and data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding thereto;

an output unit for providing the user with the computed input order, in association with the category and a representative keyword of the first keyword group; and

a data ~~of the number of input keywords~~ updating unit for updating data <u>relating to</u> ~~of~~ the number of input keywords corresponding to the first keyword group, in the keyword database.

10. (*Currently Amended*) The system as claimed in claim 9, wherein the input order computing unit respectively computes a second input order of the second keyword group within the searched category, based on the second keyword group and data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding thereto; and

the output unit provides the user with the second input order through the communication network, in association with the searched category and a representative keyword comprised in the second keyword group.

11. (*Original*) The system as claimed in claim 10, wherein the output unit selects the predetermined number of second keyword groups of which the second input order ranks high, from the second keyword groups and provides the user with a second input order corresponding to the selected second keyword group through the communication network, in association with the searched category and a representative keyword comprised in the selected second keyword group.

12. (*Currently Amended*)   The system as claimed in <u>claim 1</u>, wherein the data <u>relating to</u> ~~of~~ the number of input keywords maintained in the keyword database includes data <u>relating to</u> ~~of~~ the number of input keywords by period; and

the data ~~of the number of input keywords~~ updating unit periodically updates the data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ by period to 0.

13. (*Currently Amended*)   A search service method comprising the steps of:

maintaining at least one classification record in a keyword classification database, wherein the classification record comprises a representative category related to a predetermined keyword group and a general category related thereto;

maintaining a predetermined keyword group and data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding thereto, in a keyword database, wherein the keyword group comprises a representative keyword or a keyword having the same or similar meaning thereto;

receiving a keyword from a user through a communication network;

searching the keyword classification database for a representative category related to a first keyword group including the received keyword;

searching the keyword database for a second keyword group related to the searched representative category and data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding to the second keyword group;

computing an input order of the number of input for the keywords of the first keyword group by using the second keyword group and data relating to of the number of input for each keyword keywords corresponding thereto;

providing the user with the computed input order through the communication network, in association with the searched representative category and a representative keyword of the first keyword group; and

updating data relating to of the number of input for each keyword keywords corresponding to the first keyword group, in the keyword database, in response to input of the keyword.

14. (*Original*) The method as claimed in claim 13, wherein the step of maintaining at least one classification record in the keyword classification database comprises the steps of:

receiving a selection of a representative category related to a predetermined keyword group or a selection of a general category related thereto, from a manager; and

changing the received representative category related to the keyword group or the received general category related thereto, in the classification record.

15. (*Currently Amended*) The method as claimed in claim 13, further comprising the steps of:

respectively computing a second input order of the second keyword group within the representative category, based on the second keyword group and data relating to of the number of input for each keyword keywords corresponding thereto; and

providing the user with the second input order through the communication network, in

association with the searched representative category and a representative keyword of the second

keyword group.

16. (*Original*) The method as claimed in claim 15, wherein the step of providing the user with

the computed input order through the communication network in association with the searched

representative category and a representative keyword of the second keyword group, comprises

the steps of:

selecting the predetermined number of second keyword groups of which the second input

order ranks high, from the second keyword group; and

providing the user with the second input order corresponding to the selected second

keyword group through the communication network, in association with the searched

representative category and a representative keyword of the second keyword group.

17. (*Currently Amended*) A computer readable record medium recording a program for

implementing a search service method comprising the steps of:

maintaining at least one classification record in a keyword classification database,

wherein the classification record comprises a representative category related to a predetermined

keyword group and a general category related thereto;

maintaining a predetermined keyword group and data relating to ~~of~~ the number of input

for each keyword ~~keywords~~ corresponding thereto, in a keyword database, wherein the keyword

group comprises a representative keyword or a keyword having the same or similar meaning

thereto;

receiving a keyword from a user through a communication network;

searching the keyword classification database for a representative category related to a first keyword group including the received keyword;

searching the keyword database for a second keyword group related to the searched representative category and data relating to ~~of~~ the number of input for each keyword ~~keywords~~ corresponding to the second keyword group;

computing an input order of the number of input for the keywords of the first keyword group by using the second keyword group and data relating to ~~of~~ the number of input for each keyword ~~keywords~~ corresponding thereto;

providing the user with the computed input order through the communication network, in association with the searched representative category and a representative keyword of the first keyword group; and

updating data relating to ~~of~~ the number of input for each keyword ~~keywords~~ corresponding to the first keyword group, in the keyword database, in response to input of the keyword.

18.   (*Previously Presented*) The computer readable record medium as claimed in claim 17, wherein the step of maintaining at least one classification record in the keyword classification database comprises the steps of:

receiving a selection of a representative category related to a predetermined keyword group or a selection of a general category related thereto, from a manager; and

changing the received representative category related to the keyword group or the received general category related thereto, in the classification record.

19.   (*Currently Amended*) The computer readable record medium as claimed in claim 17, wherein the search service method further comprises the steps of:

respectively computing a second input order of the second keyword group within the representative category, based on the second keyword group and data <u>relating to</u> ~~of~~ the number of input <u>for each keyword</u> ~~keywords~~ corresponding thereto; and

providing the user with the second input order through the communication network, in association with the searched representative category and a representative keyword of the second keyword group.

20.   (*Previously Presented*) The computer readable record medium as claimed in claim 19, wherein the step of providing the user with the computed input order through the communication network in association with the searched representative category and a representative keyword of the second keyword group, comprises the steps of:

selecting the predetermined number of second keyword groups of which the second input order ranks high, from the second keyword group; and

providing the user with the second input order corresponding to the selected second keyword group through the communication network, in association with the searched representative category and a representative keyword of the second keyword group.